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9/25/00

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



306678

**I. HEADINGS**

**DATE:** September 25, 2000

**SUBJECT:** Jefferson Processing Site (Mingo Junction, Jefferson County, Ohio)

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**POLREP #4**

**II. BACKGROUND**

**Site ID No:** B5C2

**CERCLIS No:** OHSFN0508038

**Response Authority:** CERCLA

**Demobilization Date:** TBD

**Delivery Order No:** 0042

**NPL Status:** Non-NPL

**Start Date:** August 1, 2000

**Completion Date:** TBD

**III. SITE DESCRIPTION**

**A. Incident Category**

CERCLA Removal at an inactive facility

**B. Site Description**

**1. Site location and background**

See POLREP #1.

## **2. Description of threat**

See POLREP #1.

### **C. Preliminary Assessment/Site Inspection Results**

See POLREP #1.

## **IV. RESPONSE INFORMATION**

### **A. Situation and Actions Taken**

#### **1. Current situation**

A total of approximately 33,000 gallons of non-hazardous (i.e., <50 ppm PCBs) and hazardous (i.e., ≥50 ppm PCBs) oils from 18 transformers have been drained and transported off site for treatment and/or disposal. Five out of a total of 11 transformers and their vaults have undergone demolition, cleanup, and dismantling work in preparation for removal operations and transportation and disposal (T & D). A total of 159 capacitors have been inventoried and overpacked into salvage drums and are presently awaiting T & D. U.S. EPA, START, and Emergency and Rapid Response Services (ERRS) personnel mobilized to the Site to begin Phase II of the planned removal actions on September 18, 2000.

#### **2. Removal activities to date**

On Tuesday, September 19, 2000, ERRS personnel reopened the doors to the transformer vaults in Buildings J1 and J2 in preparation for transformer/vault demolition, cleanup, and dismantling operations. Additionally, ERRS personnel set-up decontamination areas and began dust suppression measures (water spraying) and dust cleanup in Building J1.

On Wednesday, September 20, 2000, the ERRS Response Manager, START, and potential subcontractors for the rigging/crane and T & D ERRS bids conducted a scope of work walk-through in Buildings J1, J2, and the Substation. ERRS personnel conducted dust suppression and cleanup operations in areas around transformers J1-D, J1-E, and J2-Q.

On Thursday, September 21, 2000, ERRS personnel continued dust suppression and cleanup operations in areas around transformers J1-D, J1-E, J2-P, and J2-N. Also, ERRS personnel began setting up scaffolding in preparation for transformer vault demolition work.

On Friday, September 22, 2000, the ERRS Response Manager, START, and potential subcontractors for the rigging/crane and T & D ERRS bids conducted a scope of work walk-through in Buildings J1, J2, and the Substation. ERRS personnel completed the demolition of transformer vaults J1-D and J2-Q. Also, ERRS personnel began the demolition of transformer vault J2-P and set up equipment for the demolition of transformer vaults J1-H and J1-I.

On Saturday, September 23, 2000, ERRS personnel completed the following tasks:

- Demolition, cleanup, and dismantling of transformer/vault J2-P.
- Cleanup and dismantling of transformer J2-Q.
- Demolition of transformer vault J1-I.

- Demolition, cleanup, and dismantling of transformer/vault J1-H.
- Cleanup and dismantling of transformer J1-D.

Also, ERRS personnel relocated a stockpile which was blocking access to Building J2.

#### **B. Planned Removal Actions**

- Phase I: Removal and off-site disposal of all capacitors and miscellaneous containers of hazardous materials.
- Phase IIA: Demolition, cleanup, and dismantling of transformers/vaults.
- Phase IIB: Removal of transformers via rigging/cranes.
- Phase IIC: Transportation and off-site disposal of all transformer carcasses.

#### **C. Next Steps**

- U.S. Coast Guard (USCG) - Atlantic Strike Team and START personnel are scheduled to conduct a visual extent of contamination assessment/survey of the entire 325-acre property on which the Site is located during October 3-5, 2000. Due to the nature of the terrain, 4-wheeled all-terrain vehicles (ATVs) will be utilized by USCG and START personnel for the assessment/survey.
- ERRS contractor to select subcontractor(s) for the removal, transportation, and off-site disposal of all transformer carcasses. The transformer removal period via rigging/cranes is to be completed by subcontractors by October 20, 2000. The T & D of transformer carcasses is to be completed by subcontractors by November 3, 2000.
- Removal, transportation, and off-site disposal of all transformers, capacitors, and miscellaneous containers.

#### **D. Key Issues**

- USCG ATVs are to be utilized for the site assessment/survey due to the unavailability of local vendors.
- 24-hour on-site security is to be maintained due to an increase in public awareness of the Site.

#### **V. ESTIMATED COSTS (AS OF C.O.B. ON 9/23/00)**

EPA Costs	\$23,862.00
ERRS Costs	\$215,264.26
<u>START Costs</u>	<u>\$30,720.45</u>
<b>TOTAL COSTS TO DATE</b>	<b>\$269,846.71</b>
 <b>Project Ceiling</b>	 <b>\$633,000.00</b>
<b>Project Funds Remaining (percentage)</b>	<b>57.37%</b>

#### **VI. DISPOSITION OF WASTES**

<u>Dates Removed</u>	<u>Waste Category</u>	<u>Approximate Volume (gallons)</u>
8/26/00	"High-level" (>500 ppm) PCB oils	3,365

8/26 and 8/28/00	“Low-level” (50 to 500 ppm) PCB oils	19,590
8/30/00	Non-hazardous (<50 ppm PCBs) oils	9,633